



CERTIFIED MAIL
RETURN RECEIPT REQUESTED

March 25, 2014

Mr. Mark Miller
Northern Regional Office
13901 Crown Court,
Woodbridge, VA 22193

Re: Dominion - Possum Point Power Station – Five-Day Letter; VPDES Permit
VA0002071

Dear Mr. Miller:

The following information is provided in accordance with Possum Point Power Station's VPDES permit VA0002071 Part II, Condition F. and G. On March 20, 2014, process water was discharged to storm water Outfall S31, which discharges to the Potomac River instead of Outfall 201 as permitted.

- 1. Description of the nature and location of discharge:** Possum Point Power Station's Circulating Water for Unit 5 is withdrawn from the Potomac River. This water is not treated and is circulated through a closed loop cooling system between the Cooling Towers and the Condenser. The unit was not operating during this event and therefore there was no thermal loading of the water. On March 20, 2014, station personnel were making arrangements to de-water the Circulating Water lines to make an internal inspection of the lines in preparation of planned preventative maintenance. After station personnel verified piping water levels to be well below all potential discharge points, covers to the flanges installed in the upper portion of the line were removed. At approximately 0850 hrs on March 20th, water at a higher elevation within the pipe unexpectedly broke vacuum and leaked from one of the opened manholes into the nearby storm water drainage system. The water was discharged via Outfall S31 and into the Potomac River. The Unit 5 Circulating Water is permitted to discharge to Quantico Creek via Outfall 201 through Outfall 001/002.
- 2. Cause of discharge:** When station personnel removed the cover of the flange, the vacuum was broken which allowed the trapped water to flow out of the ground level manhole and into the nearby storm drain for Outfall S31.
- 3. Date on which the discharge occurred:** March 20, 2014 at approximately 0850 hrs.
- 4. Length of time that the discharge continued:** Approximately 20 minutes.
- 5. Volume of discharge:** Unknown

Mr. Mark Miller
March 25, 2014

- 6. If the discharge is continuing, how long it is expected to continue:** Not Applicable
- 7. If the discharge is continuing, what is the expected total volume of the discharge will be:** Not Applicable
- 8. Describe any steps planned or taken to reduce, eliminate and prevent a reoccurrence of the present discharge or any future discharges not authorized by the above referenced permit:** At approximately 0910 hrs on March 20, 2014, station personnel blocked the adjacent storm water inlets and were able to route the remaining water to the Unit 5 Cooling Tower Basin, which stopped the discharge to Outfall S31. Draining of the remaining segments of the piping was stopped and a procedure was developed to control the remaining water. Once the Circulating Water lines are repaired, and before the system is returned to service, all flange covers and manhole covers associated with these lines will be modified with hose connections which should assist in controlling future line draining activities and associated discharges.

If you have any questions and/or comments regarding this information please contact Rick Woolard, of Dominion Electric Environmental Services, at (804) 273-2991.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,


Cathy C. Taylor
Director, Electric Environmental Services

cc:
Ms. Susan Mackert
Northern Regional Office
13901 Crown Court,
Woodbridge, VA 22193

00026608

Mr. Mark Miller
March 28, 2014

File Name: **PP 2014 3-28 Five Day Ltr to DEQ**

Please send electronic renamed copy to:

Ed Baine

Pam Faggert

Sidney Bragg

Cathy Taylor

Karen Canody

Glenn Johnson *GM*

Rick Woolard *RW*

Jeff Heffelman

Jeff Marcell *Approved via phone*

Documentum: Possum Point P.S. / NPDES-Water / Incidents – Releases – Spills

00026609